

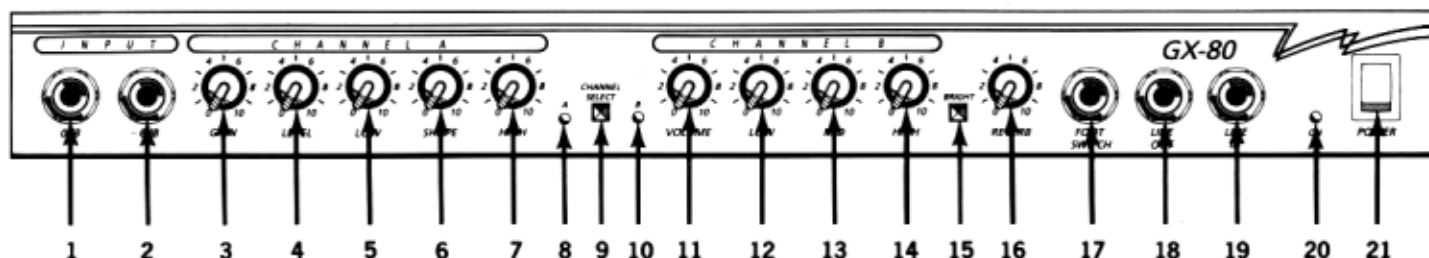


GX-80/212 GUITAR AMPLIFIER

GX-80/212 TECHNICAL SPECIFICATIONS

Output Power Rating	80 watts RMS @ 5% THD 8 ohm minimum load
Speaker Size and Rating	GX-80 Custom Design 12" GX-80S Celestion G12K-85 12" GX-212 2 Custom Design 12"
Input Impedance	220K ohms/"0dB" input 44K ohms/"-6dB" input
Maximum Input Signal Level Accepted	4 volts, p-p/"0dB" input 8 volts, p-p/"-6dB" input
Total System Gain	Channel A: 110dB @ 1 kHz all controls @ "10", Low, Shape, High @ "0" Channel B: 66dB @ 1 kHz all controls @ "10", Bright off
Signal to Noise Ratio	Channel A: 45dB with all controls @ "10" Low, Shape, High @ "0" Channel B: 67dB with all controls @ "10" Bright off
Low Control	9dB Boost @ 80Hz
Shape Control	Proprietary circuit
High Control	15dB Boost @ 1kHz
Low Control	10dB Range @ 80kHz
Mid Control	16dB Range @ 1kHz
High Control	17dB Range @ 5kHz
Input Power Requirements	120VAC, 60Hz, 200 watts max
Fuse Rating and Type	2 amp Slo Blow, 250V internal
Cabinet Size and Weight	GX-80: 17.5" H x 20.25" W x 9.75" D 34 lbs. GX-212: 21" H x 26.5" W x 11" D 50 lbs.

Specifications subject to change without notice



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FRONT PANEL-INPUT SECTION

- 1. OdB Input** jack accepts a standard 1/4" phone plug and is suitable for any low to line level signal source.
- 2. -OdB Input** jack also accepts a standard 1/4" jack but is padded 6dB for hotter inputs such as tape decks or guitars with hot pickups. If both jacks are used, this input is not padded and will be equal to the OdB input jack.

CHANNEL A CONTROLS

- 3. Gain** set is used to set the level of distortion.
- 4. Level** controls the overall volume and should be used in conjunction with the Gain control (3).
- 5. Low** adjusts the amount of low frequency tone.
- 6. Shape** adjusts the general tone. Counterclockwise emphasizes mid-range frequencies and clockwise emphasizes low and high frequencies.
- 7. High** adjusts the amount of high frequency tone or "presence".

CHANNEL SWITCHING CONTROLS

- 8. Channel A-Indicator LED** will be lit when the amplifier is in Channel A mode.
- 9. Channel Select Switch** is used to select Channel A or Channel B. This switch is defeated if an external footswitch is used.
- 10. Channel B Indicator LED** will be lit when the amplifier is in Channel B mode.

CHANNEL B CONTROLS

- 11. Volume** sets the overall listening level of Channel B. This control is independent of any setting made in Channel A.
- 12. Low** adjusts the amount of low frequency tone.
- 13. Mid** adjusts the amount of mid-range frequency tone.
- 14. High** adjusts the amount of high frequency tone.
- 15. Bright Switch** gives a brighter tone.

COMMON CONTROLS

- 16. Reverb** sets the acoustical qualities of the amp.

- 17. Footswitch** jack is to be used with the Channel Select/Reverb footswitch.
- 18. Line Out** jack is used to link the GX-80/212 to additional amplifiers or to connect the amp to a tape recorder. Simply run a cable from the output of this jack to the input of another amplifier or tape deck. External speakers cannot be hooked up to this jack.
- 19. Line In** jack is used as a direct input to the power amp. It can be used in conjunction with the Line Out jack (18) for an effects loop.
- 20. Power Indicator LED** will be lit when the unit is turned on.
- 21. Power Switch** turns AC power on or off.

REAR PANEL

- 22. Power Cord:** Your GX-80/212 is equipped with a heavy-duty grounded three-wire power cord. Be sure this cord is properly plugged into a safely wired grounded 120 volt, 60Hz

AC power outlet before use. (If your GX-80/212 was purchased outside the United States, refer to the rear panel for power ratings). For your safety, never attempt to defeat the ground connection on this cord.

We would like to take this opportunity to thank you for selecting a Crate product, and to tell you of our commitment to the design and manufacture of only the finest sound amplification equipment; built for you, the musician.

You have purchased one of the most innovative guitar amps available today. Your Crate preamp gives you more performance features than ever before; features that you, the musician, have asked for.

Your Crate guitar amp is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and materials are used in the manufacture of each amplifier.

All Crate products are subjected to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amp is conducted by a trained musician; any unit that does not meet the standards of our musician's discriminating ear will not be passed.

Since all Crate products are designed, developed, and manufactured through the cooperative efforts of engineers and professional musicians, the end result is a product that responds to the musician's audio requirements, and a product that will serve your needs for years to come.